

GenCore Version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: December 13, 2002, 02:58:30 ; Search time 171 Seconds
 (without alignments)
 4641.4663 Million cell updates/sec

Title: Perfect score: US-09-716-536-7

Sequence: 1. gtgcgttgaggaaatttg.aaaaaaaaaaaaaaaaaaaaaaa 2007

Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched: 35520 seqs, 19770502 residues

Total number of hits satisfying chosen parameters: 710640

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA:*

1: /cgn2_6/ptodata/2/pbpna/us07_PUBCOMB.seq: *
 2: /cgn2_6/ptodata/2/pbpna/pCT_NEW_PUB.seq: *
 3: /cgn2_6/ptodata/2/pbpna/us06_NEW_PUB.seq: *
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 13: /cgn2_6/ptodata/2/pbpna/us60_NEW_PUB.seq: *
 14: /cgn2_6/ptodata/2/Pubpna/us60_PUBCOMB.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	176.4	8.8	7542	12 US-10-153-921-3
2	148	7.4	148	9 US-09-764-888-1379
3	51.8	2.6	4246	10 US-09-834-974-918
4	51.8	2.6	7596	10 US-09-954-456-2215
5	51.6	2.6	2108	10 US-09-962-832-225
6	47.8	2.4	1852	10 US-09-969-852-4
7	46.6	2.3	475	10 US-09-864-61-6203
8	46.6	2.3	511	10 US-09-864-761-22817
9	46.6	2.3	3809	12 US-10-001-870-609
10	44.4	2.2	267	10 US-09-864-61-21984
11	44	2.2	3388	9 US-09-954-531-988
12	44	2.2	3388	9 US-09-954-531-1382
13	44	2.2	3388	10 US-09-954-556-1602
14	44	2.2	3388	10 US-09-967-768A-245
15	42.4	2.1	6457	10 US-09-880-107-3389
16	41.6	2.1	3773	10 US-09-925-302-47
17	41.4	2.1	1867	10 US-09-764-864-344
18	41	2.0	1954	10 US-09-866-582-13
19	40.6	2.0	14800	10 US-09-954-456-1601

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	176.4	8.8	7542	12 US-10-153-921-3
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15	42.4	2.1	6457	10 US-09-880-107-3389
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17	41.4	2.1	1867	10 US-09-764-864-344
18	41	2.0	1954	10 US-09-866-582-13
19	40.6	2.0	14800	10 US-09-954-456-1601

ALIGNMENTS

RESULT 1
 US-10-153-921-3
 Sequence 3, Application US-10153921
 ; Patent No. US20020142430A1
 ; GENERAL INFORMATION:
 ; APPLICANT: YAN, Chunhua et al.
 ; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
 ; TITLE OF INVENTION: THEREOF
 ; FILE REFERENCE: C1000612D1V
 ; CURRENT APPLICATION NUMBER: US-10/153, 921
 ; CURRENT FILING DATE: 2002-05-24
 ; PRIORITY APPLICATION NUMBER: 60/207, 281
 ; PRIORITY FILING DATE: 2000-05-30
 ; PRIORITY APPLICATION NUMBER: 09/734, 030
 ; PRIORITY FILING DATE: 2000-12-12
 ; NUMBER OF SEQ ID NOS: 3
 ; SOFTWARE: Fast-SEQ for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 7542
 ; TYPE: DNA
 ; ORGANISM: HOMO SAPIEN
 US-10-153-921-3

Query Match Score 176.4; DB 12; Length 7542;
 Best Local Similarity 95.1%; Score 176.4; DB 12;
 Matches 194; Conservative 0; Mismatches 6; Indels 4; Gaps 1;

QY	1	GTGCGGTGAGGAATTGAAAGCAAGGGAGCGGGGGCG---CTCTAGAGCCGAC
QY	1	GTGCGGTGAGGAATTGAAAGCAAGGGAGCGGGGGCG---CTCTAGAGCCGAC
Db	7302	GTGCGTGGGGCAATTGANGCAAGGGAGCGGGGGCGCTACAGAACGGAC
QY	57	GTGCGTGGGGCAATTGANGCAAGGGAGCGGGGGCGCTACAGAACGGAC
Db	7362	GTGCGTGGGGCAATTGANGCAAGGGAGCGGGGGCGCTACAGAACGGAC
QY	117	GTGCGTGGGGCAATTGANGCAAGGGAGCGGGGGCGCTACAGAACGGAC
Db	7422	GTGCGTGGGGCAATTGANGCAAGGGAGCGGGGGCGCTACAGAACGGAC
QY	177	GTGCGTGGGGCAATTGANGCAAGGGAGCGGGGGCGCTACAGAACGGAC

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RESULT 2
Db 7482 CGGCCACACTTCCACTTGAGT 7505
; US-09-764-868-1379/C
; Sequence 179, Application US/09764868
; Patent No. US20020168711A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT232
; CURRENT APPLICATION NUMBER: US/09/764,868
; CURRENT FILING DATE: 2001-01-17
; PRIORITY APPLICATION DATA REMOVED - refer to PALM or file wrapper
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1379
; LENGTH: 148
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-764-868-1379

Query Match 7.48; Score 148; DB 9; Length 148;
Best Local Similarity 100.0%; Pred. No. 3.2e-32; Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Young, Paul
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Sets
FILE REFERENCE: 689/90-76
CURRENT FILING DATE: 2001-09-18
PRIORITY APPLICATION NUMBER: US/09/954,456
PRIORITY FILING DATE: 2000-09-18
PRIORITY APPLICATION NUMBER: US/60/233,617
PRIORITY FILING DATE: 2000-09-20
PRIORITY APPLICATION NUMBER: US/60/234,923
PRIORITY FILING DATE: 2000-09-25
PRIORITY APPLICATION NUMBER: US/60/235,134
PRIORITY FILING DATE: 2000-09-25
PRIORITY APPLICATION NUMBER: US/60/235,637
PRIORITY FILING DATE: 2000-09-26
PRIORITY APPLICATION NUMBER: US/60/235,638
PRIORITY FILING DATE: 2000-09-26
PRIORITY APPLICATION NUMBER: US/60/235,711
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: US/60/235,720
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: US/60/235,840
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: US/60/235,863
PRIORITY FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 2276
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2215
LENGTH: 7596
TYPE: DNA
ORGANISM: Homo sapiens
US-09-834-975-948

Query Match 2.6%; Score 51.8; DB 10; Length 4246;
Best Local Similarity 47.9%; Pred. No. 0.00031; Matches 149; Conservative 0; Mismatches 162; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Lillie, James
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF HUMAN CANCERS
FILE REFERENCE: MRI-016B
CURRENT APPLICATION NUMBER: US/09/834,975
CURRENT FILING DATE: 2001-04-13
PRIORITY APPLICATION NUMBER: 60/197,538
PRIORITY FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 1046
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 948
LENGTH: 4246
TYPE: DNA
ORGANISM: Homo sapiens
US-09-834-975-948

Query Match 2.6%; Score 51.8; DB 10; Length 7596;
Best Local Similarity 47.9%; Pred. No. 0.00045; Matches 149; Conservative 0; Mismatches 162; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Boit, Andrew
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF HUMAN CANCERS
FILE REFERENCE: MRI-016B
CURRENT APPLICATION NUMBER: US/09/834,975
CURRENT FILING DATE: 2001-04-13
PRIORITY APPLICATION NUMBER: 60/197,538
PRIORITY FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 1046
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 948
LENGTH: 7596
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-456-2215

Query Match 2.6%; Score 51.8; DB 10; Length 7596;
Best Local Similarity 47.9%; Pred. No. 0.00045; Matches 149; Conservative 0; Mismatches 162; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Boit, Andrew
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF HUMAN CANCERS
FILE REFERENCE: MRI-016B
CURRENT APPLICATION NUMBER: US/09/834,975
CURRENT FILING DATE: 2001-04-13
PRIORITY APPLICATION NUMBER: 60/197,538
PRIORITY FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 1046
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1379
LENGTH: 148
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-456-2215

Query Match 2.6%; Score 51.8; DB 10; Length 7596;
Best Local Similarity 47.9%; Pred. No. 0.00045; Matches 149; Conservative 0; Mismatches 162; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Boit, Andrew
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF HUMAN CANCERS
FILE REFERENCE: MRI-016B
CURRENT APPLICATION NUMBER: US/09/834,975
CURRENT FILING DATE: 2001-04-13
PRIORITY APPLICATION NUMBER: 60/197,538
PRIORITY FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 1046
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1379
LENGTH: 148
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-456-2215

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Query Match 2.2%; Score 44; DB 10; Length 3388;
 Best Local Similarity 47.2%; Pred. No. 0.043; Mismatches 134; Conservative 0; Indels 0; Gaps 0; Matches 134; Score 47.2%; Pred. No. 0.043; Mismatches 150; Indels 0; Gaps 0;

y 530 AGCAGCAGGAGGATGAGACCAACAGCACAGAGGCGGGCGGCTAGGGAGCAAG 589
 b 1013 AGATAAGCAGGACCTGGAGAAGAGAACCCAGACTGGGGGGAGCTGGGGTCTGG 1072

y 590 TGAAGACCATGAGGATGAGACCAACAGCACAGAGGCGGGCGGCTAGGGAGCAAG 589
 b 1073 GCGCAGGCCAACAGCAGGAGCTGGAGAAGAGAACCCAGACTGGGGGGAGCTGGGGTCTGG 1072

y 650 TGTATCCGAGACATGGGTGCGGACAGTCAGGGTGGAGAACAGCTGGCTGTGACTGTG 709
 b 1133 TGCAGTCCAAAGTGCGAGCTGGGGAGCGCCGGGGAGCTCATGACAAAGTCACA 1192

y 710 CTCTCAGAAAGAGTAGCAGAATCTAAAGAGGAGGACGAGGCCTCAGGGAGGAGCTG 769
 b 1193 AGCTCCAGATGAGCTGGAGGCGTCACAGGATGCTTAAAGGAGGAGGAGGCA 1252

y 770 ACAAGCTGAGGAAGGATGTTCTCCAGAACGCAAGTGCAG 813
 b 1253 TTAAGCTGGCCAAAGGACGTGGCTCCTCAGTCCAGCCTCAG 1296

RESULT 14
 S-09-967-768A-245
 Sequence 245, Application US/09967768A
 Patent No. US20020150877A1

APPLICANT: Augustus, Meena
 TITLE OF INVENTION: Sets
 FILE REFERENCE: 689290-72
 CURRENT APPLICATION NUMBER: US/09/967, 768A
 CURRENT FILING DATE: 2001-09-28
 PRIORITY APPLICATION NUMBER: US/60/236, 109
 PRIORITY FILING DATE: 2000-03-28
 PRIORITY APPLICATION NUMBER: US/60/236, 034
 PRIORITY FILING DATE: 2000-03-28
 PRIORITY APPLICATION NUMBER: US/60/236, 111
 PRIORITY FILING DATE: 2000-09-28
 NUMBER OF SEQ ID NOS: 325
 SOFTWARE: Patentin version 3.0
 SEQ ID NO: 245
 LENGTH: 3388
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: OTHER INFORMATION: Genbank Accession No. US20020142981A1 U53786
 US-09-967-768A-245
 Query Match 2.1%; Score 42.4; DB 10; Length 6457;
 Best Local Similarity 54.6%; Pred. No. 0.18; Mismatches 86; Indels 3; Gaps 0; Matches 107; Conservative 0; Mismatches 86; Indels 3; Gaps 0;

Qy 463 CTGCAGAGGGCCGGACCGAGGCCGAGGAGCTGGGGCTGAGAGCTGGGGTCTGG 522
 Db 4839 CTGCAGAGGGCCGGACCGAGGCCGAGGAGCTGGGGCTGAGAGCTGGGGTCTGG 4898

Qy 523 TACTTAA---CGACGCAGGATGAGACCAACAAACACAGAGGGGGGGGGGCTC 579
 Db 4899 GCCTCTGAGAGGAGAGACGAGCAGCACACTGCAGCTGAGGAGCTGAACTGCTC 4958

Qy 580 AGGAGCAAGATGAGACCATGGGAGAGCTTCTACTCCAGAGCAGCTCCAG 639
 Db 4959 AGCCAGAGAGACGGAGAGCGAGCGACAGAAGGGGGCCAGGGGGCCAGGAGCTCCAG 5018

Qy 640 GTCGAGGAGATGATCC 655
 Db 5019 CTGGAGGGCCATCC 5034

Query Match 2.2%; Score 44; DB 10; Length 3388;
 Best Local Similarity 47.2%; Pred. No. 0.043; Mismatches 134; Conservative 0; Indels 0; Gaps 0; Matches 134; Score 47.2%; Pred. No. 0.043; Mismatches 150; Indels 0; Gaps 0;

y 530 AGCAGCAGGAGGATGAGACCAACAGCACAGAGGCGGGCGGCTAGGGAGCAAG 589
 b 1013 AGATAAGCAGGACCTGGAGAAGAGAACCCAGACTGGGGGGAGCTGGGGTCTGG 1072

y 590 TGAAGACCATGAGGATGAGACCAACAGCACAGAGGCGGGCGGCTAGGGAGCAAG 589
 b 1073 GCGCAGGCCAACAGCAGGAGCTGGAGAAGAGAACCCAGACTGGGGGGAGCTGGGGTCTGG 1072

y 650 TGTATCCGAGACATGGGTGCGGACAGTCAGGGTGGAGAACAGCTGGCTGTGACTGTG 709
 b 1133 TGCAGTCCAAAGTGCGAGCTGGGGAGCGCCGGGGAGCTCATGACAAAGTCACA 1192

y 710 CTCTCAGAAAGAGTAGCAGAATCTAAAGGAGGAGGACGAGGCCTCAGGGAGGAGCTG 769
 b 1193 AGCTCCAGATGAGCTGGAGGAGCTGGAGGAGCTGGGGGGAGGAGGAGGAGGCA 1252

y 770 ACAAGCTGAGGAAGGATGTTCTCCAGAACGCAAGTGCAG 813
 b 1253 TTAAGCTGGCCAAAGGACGTGGCTCCTCAGTCCAGCAGTCAGCCTCAG 1296

Search completed: December 13, 2002, 04:43:05
 Job time : 233 secs

RESULT 15
 US-09-980-107-3389
 ; Sequence 3389, Application US/09880107
 ; Patent No. US20020142981A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Horne, Darci T.
 ; APPLICANT: Vockley, Joseph G.
 ; APPLICANT: Scherr, Uwe
 ; APPLICANT: Gene Logic, Inc.
 ; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
 ; FILE REFERENCE: 4491-528-WO
 ; CURRENT APPLICATION NUMBER: US/09/980, 107
 ; CURRENT FILING DATE: 2001-06-14
 ; PRIORITY APPLICATION NUMBER: US 60/211, 379
 ; PRIORITY FILING DATE: 2000-06-14
 ; PRIORITY APPLICATION NUMBER: US 60/237, 054
 ; PRIORITY FILING DATE: 2000-10-02
 ; NUMBER OF SEQ ID NOS: 3950
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO: 3389
 ; LENGTH: 6457
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U53786
 ; US-09-980-107-3389

Query Match 2.1%; Score 42.4; DB 10; Length 6457;
 Best Local Similarity 54.6%; Pred. No. 0.18; Mismatches 86; Indels 3; Gaps 0; Matches 107; Conservative 0; Mismatches 86; Indels 3; Gaps 0;

Qy 463 CTGCAGAGGGCCGGACCGAGGCCGAGGAGCTGGGGCTGAGAGCTGGGGTCTGG 522
 Db 4839 CTGCAGAGGGCCGGACCGAGGCCGAGGAGCTGGGGCTGAGAGCTGGGGTCTGG 4898

Qy 523 TACTTAA---CGACGCAGGATGAGACCAACAAACACAGAGGGGGGGGGCTC 579
 Db 4899 GCCTCTGAGAGGAGAGACGAGCAGCACACTGCAGCTGAGGAGCTGAACTGCTC 4958

Qy 580 AGGAGCAAGATGAGACCATGGGAGAGCTTCTACTCCAGAGCAGCTCCAG 639
 Db 4959 AGCCAGAGAGACGGAGAGCGAGCGACAGAAGGGGGCCAGGGGGCCAGGAGCTCCAG 5018

Qy 640 GTCGAGGAGATGATCC 655
 Db 5019 CTGGAGGGCCATCC 5034

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